

Title (en)
DEVICE FOR MEASURING VOLUMES OF SMALL AMOUNTS OF PRODUCTS AND FOR FILLING THE SAME IN RECEPTACLES

Title (de)
VORRICHTUNG ZUM VOLUMETRISCHEN ABMESSEN KLEINER GUTMENGEN UND ABFÜLLEN DIESER IN BEHÄLTNISSE

Title (fr)
DISPOSITIF DE MESURAGE VOLUMETRIQUE DE PETITES QUANTITES DE MATIERE ET EMBLISSEMENT DE CONTENANTS AVEC CES QUANTITES

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Abstract (en)
[origin: DE19743088A1] The invention relates to a device for measuring volumes of small amounts of products and for filling the same in receptacles (a), comprising a dosing plate (11) which rotates around a vertical axis (13) and dosing chambers (15) shaped as through holes which are arranged in groups in a pitch circle. In order to close the lower openings of the dosing chambers (15), displaceable slides (17) having through holes (18) are arranged on the bottom side of the dosing plate (11), which close the dosing chambers (15) in the filling position and open them in the emptying position. The slides (17) are pulled to the filling position by a spring (27) and pushed to an emptying position by a controlled stop (33).

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Cited by
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DE 19743088 A1 19990401; CN 1158059 C 20040721; CN 1272056 A 20001101; CZ 20001138 A3 20000816; CZ 296751 B6 20060614; DE 59801896 D1 20011129; EP 1019009 A1 20000719; EP 1019009 B1 20011024; ES 2166176 T3 20020401; JP 2001517542 A 20011009; JP 4065662 B2 20080326; KR 100503401 B1 20050726; KR 20010030767 A 20010416; SK 4392000 A3 20001009; TW 385290 B 20000321; US 6286567 B1 20010911; WO 9916404 A1 19990408

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